

CLAIMS

1           1.    A method of accessing information comprising:  
2           processing a query and a wireless identifier received  
3           from a wireless device;  
4           searching a collection of data for a set of results  
5           matching the query;  
6           selectively reducing the set of results to generate a  
7           subset of results;  
8           outputting a prose rendition of the query; and  
9           outputting the subset of results on the wireless device.

1           2.    The method of claim 1 wherein processing the query  
2           comprises:  
3           parsing the query to generate a search fragment;  
4           substituting long form words for abbreviations contained  
5           in the search fragment in conjunction with an abbreviations  
6           dictionary; and  
7           adding context to the search fragment.

1           3.    The method of claim 2 wherein adding context  
2           comprises extracting data from a web page from which the query  
3           was received.

1           4.    The method of claim 2 wherein adding context  
2           comprises extracting data from a previously presented results  
3           page from which the query was received.

1           5.    The method of claim 1 wherein processing the query  
2 comprises:

3           normalizing text of the query;  
4           parsing the text;  
5           associating long form words for abbreviations in  
6 conjunction with an abbreviations dictionary; and  
7           providing meaning to the text.

1           6.    The method of claim 5 wherein processing the query  
2 further comprises associating context with the text.

1           7.    The method of claim 1 wherein selectively reducing  
2 comprises:

3           placing the set of results in a hierarchical data  
4 structure organized by taxonomy; and  
5           discarding results positioned at a lowest level of the  
6 hierarchical data structure.

1           8.    The method of claim 1 wherein outputting the prose  
2 rendition comprises:

3           processing the query in conjunction with rules of  
4 grammar; and  
5           processing the query in conjunction with a prose  
6 configuration file.

1           9.    The method of claim 1 wherein outputting of the  
2 subset comprises placing the subset in a table.

1           10. The method of claim 9 further comprising customizing  
2 the table to the wireless device.

1           11 The method of claim 10 wherein customizing the table  
2 to the wireless device comprises:

3           loading a wireless style sheet database;

4           locating a style sheet that matches the wireless  
5 identifier in the style sheet database; and

6           reducing the length and width of the table in accordance  
7 with the style sheet.

1  
2           12. The method of claim 11 wherein reducing further  
3 comprises subdividing the table into a plurality of smaller  
4 tables.

1           13. The method of claim 10 wherein customizing the table  
2 comprises:

3           loading an abbreviations dictionary; and

4           replacing long form words in the table with corresponding  
5 abbreviations in the abbreviations database.

1           14. A method of accessing information from a wireless  
2 device comprising:

3           processing a query and a wireless identifier received  
4 from the wireless device;

5           searching a collection of data for a set of results  
6 matching the query;

7           selectively reducing the set of results to generate a  
8   subset of results; and  
9           outputting the subset of results on the wireless device  
10   according to a style sheet.

1           15. The method of claim 14 wherein the query is a  
2   combination of text, sentence fragments and abbreviated words.

1           16. The method of claim 14 wherein the query is text.

1           17. The method of claim 14 wherein the query is sentence  
2   fragments.

1           18. The method of claim 14 wherein the query is  
2   abbreviated words.

1           19. The method of claim 14 wherein the query is speech.

1           20. The method of claim 14 wherein processing the query  
2   comprises:

3           parsing the query to generate a search fragment;  
4           substituting long form words for abbreviations contained  
5   in the search fragment in conjunction with an abbreviations  
6   dictionary; and  
7           adding context to the search fragment.

1           21. The method of claim 20 wherein adding context  
2   comprises extracting data from a web page from which the query  
3   was received.

1        22. The method of claim 20 wherein adding context  
2 comprises extracting data from a previously presented results  
3 page from which the query was received.

1        23. The method of claim 12 wherein processing the query  
2 comprises:  
3        normalizing text of the query;  
4        parsing the text;  
5        associating long form words for abbreviations in  
6 conjunction with an abbreviations dictionary; and  
7        providing meaning to the text.

1        24. The method of claim 23 wherein Processing the query  
2 further comprises associating context with the text.

1        25. The method of claim 14 wherein selectively reducing  
2 comprises:  
3        placing the set of results in a hierarchical data  
4 structure organized by taxonomy; and  
5        discarding results positioned at a lowest level of the  
6 hierarchical data structure.

1        26. The method of claim 14 wherein outputting the subset  
2 comprises:  
3        placing the subset in a table; and  
4        reducing the length and width of the table in accordance  
5 with a style sheet.

1           27. The method of claim 26 wherein reducing further  
2 comprises dividing the table into a plurality of smaller  
3 tables.

1           28. The method of claim 14 wherein outputting the subset  
2 comprises replacing long form words in the table with  
3 corresponding abbreviations in an abbreviations database.

1           29. A computer program, residing on a computer-readable  
2 medium, including instructions for causing a computer to:  
3           process a query and a wireless identifier received from a  
4 wireless device;  
5           search a collection of data for a set of results matching  
6 the query;  
7           selectively reduce the set of results to generate a  
8 subset of results;  
9           output a prose rendition of the query; and  
10          output the subset of results on the wireless device.

1           30. A computer program, residing on a computer-readable  
2 medium, including instructions for causing a computer to:  
3           process a query and a wireless identifier received from a  
4 wireless device;  
5           search a collection of data for a set of results matching  
6 the query;  
7           selectively reduce the set of results to generate a  
8 subset of results; and  
9           output the subset of results on the wireless device  
10 according to a style sheet.